Popled March 2. 1829 Inaugurul difsertation For the degree of Medicine addressed The Medical Jaculty University of Lennsylvania Thomas Miller fr. Washington By 56



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Dock Honey Frent

Mashington City.

Acardia

Allow on to talify, my high some of your private book, and proper made ballouts, by dedicating to you the following peoper, being my fait on hard production

The aponed are, that the recollation of on water where case I commerced my national prevents, and of whose friendship I feet prout will are worm to breast . I gove sween

friend, and papil



History of Jaundice

Jun accord wallerly be have the wall quity of the discount by the Grater of new documents LEPPOS as less gain to the Gother March or placement or accorded with plannager. He had now folded to be clearly consided with the discount, and have it was believed that if a patient laborary wasterful before the best of the placement, the best much they had not the placement, the best much they had not the placement, the best much they had not the placement, the best much they had.

Calcan informe as that it permits around the many the Koman under the name of alloobase it express, on the govern of the terms are commented carriers, or the frank the terms of Arguery of an about the country of the country of the terms of the terms of the theorem is worth to agree the agreement the appropriate the appropriate the appropriate the appropriate the appropriate the terms of the country of the area of appropriate the terms of the appropriate the terms of the appropriate the terms of the appropriate the third of appropriate the appropriate the third of appropriate the appropriate appropriate appropriate appropriate the appropriate appro

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in convequence of its golden colour

Iderus prevails next frequently in worm

climates, attacking promiscarnely persons of all ages, set, and condition, Thur are we told by an author of much celebrity, that no age or experien caper. His meetest to infancy, and every subsequent period of excidence. Generally, however it is met with in those somewhat advanced, in life and more perhaps in males than in females; the the difference is not so great as is generally supposed, mer women and children are cognally liable to the malaly". In a continued sucception of one hundred patients " Counted" stay & Rebordon fifty two males, and forty eight females. Hose who are most subject to this disease are the studious, the sedentary, the indolant, the Apprehending, the hysterical, and those who acquire at bent provition in attending to their arrecations. It occars frequently is the dissipated, and man particularly in the intemporate, and debauched, and powers who are afflicted will local complaints. Those who have been once attacked with Jaundie are very liable to a recommend of it.

It has been attributed to a great

quarth of bit large much with the fluids in conveyance of an imperhensed to the perfect sets the theoretical action it is defeated as more than the secretion of the other of the other according to its status to give might be the second theorem when or green, below to other of green, below to other the second theorem when or green, below to deflect the second the second the defeated the second will differ the degree of without. It is not assumed to be perhaps all along to the according with the belowing and to provide all acquirements and to second according to the second to the secon

Appropriate of Jamelia. The approved of the material is indicated by the material of the material is indicated by the material proceeding to the content of approved and the construction of approved and construction of approved to the company and to the first and approved and approved and approved and approved approved and approved approved approved to the content of the second approved to the content of the state of t

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invasion with some, may containly be predicted. The bornels are combines. costion, and when in this state, the clod's procured are of anash or clay clour. Soutimes there is such lowerfu - apieurs warentine of bilion metter baking place. He were is commonly sendy, and of a gellow brown or saffeon has; staining less which is dypod in it of an orange colour, There is sometimes ar unple want hade in the would . The bonques it is said is carely charged , The patient has great third, loss of appoints; all the scoretions are now orless diminished . The discuss continuing for some line, will often onaciate the petical very much. These symptoms are soon succeeded, by another some so, The shin which from the first was don, is now altitude with a most brouble one itching. He advata of the ages, and the skin of the breast, cheekers and neck become lingely of a yellow collown, which in some cases spreads over the whole body progressing but in others is confined of horson, says to chapmen of (the algorer) restricted, to the eyes, and very often embracing end, the face. It a anomaly it is sometimes confined to a longitudenel section of the body. Bakon, says he records a case attended, with hamiphlying whom the paloud side only was so exclusively



idense, that betwee helf of the and was closed . Employ very similar as to be not will in the writings of "Taladian". Complete Combine Spain, and others. "The gelleworps of the thin sometimes are a cadded, without my presenting symptoms.

The colour of the other in this descent Etchick is the great diagrams of grounds ground ground of the sales about may be produced of adding his to a corton operately of water, going it a colour in spline to a colour of a southern southern that it has partiage induced many to cloud the section of a colour that it has partiage induced many to cloud the section of the southern outside the section of the formation of the colour of the other operator, except in the identity of the other of the other of the other operator, except in the

Instance are no accorded than an in according to the same time. There are no informed that a Cangoni that a patient show far some grown to the threat, while the aight with some black; out.



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the left of them. He what finally became collen , the model of Sendine his admirance for four to exist, are exposed with after the chills and that . However offer more or hife deleving partial squares, or assumed convictions, about our the four is wided, coming on after many of the other symptoms have leveled some days.

The pulse in Jaundice is said to very much; in some allacks it is not abolt or but slightly office tody. In other it is quicken and stronger than usual. Cettain it is pretornaturally slow and hard. "The pulse" care &: Chapman "is full, hard and strong, and sometimes hobbling, and even intermittent". Aunorous are the casa in which there is little or no disturbance of the arculation, As this discour advances the difficulty of brothing increases, with pulpitations of the heart also the ancoveres and anxiety about the precording. The languar and lapitude go on increasing, with dullage and stagisting almost to fatily. It is said that the sight is much affected, in Jaundice, every thing aparing a lavid or yellow hue. This opinion does not seem to be universally extertained. By some uniter it is positively denied, while, by others it is stronuously



absorated as a constant oversence. It Chapman sugar is openthing of it, "if allusion is over pack called to all objects hims can of a land or cellar has, and while was easy observed, as appears from the following has of Sucretical clinical pulloria faint, geogramque hisotor, arguates the

. To says he is then on wheat been hiving weather to the same effect, we that of John of stacking theory. However, Vancounter, Footform, and other, who appear are they have

so it. But long and gover it to have the soler of we continued at it deathed by two whether then is very function of it is not continued by in the continued it is by so means a common converse. The fact wave find think by other continues, and I talker who tay I take the wave find

The see both that of all his seturns percents to had bother the confession its existence, and this lecturing he distributed. Dr. C.s exposures is against it.

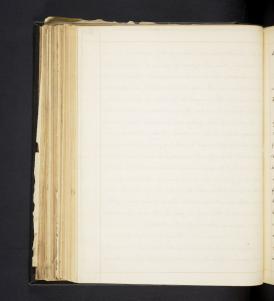
It Good in his study of medicine, says " blom a student by long continued presence of the sprigortion against the color of a table to. I can confirm this special spring for the diest confirm. That of being affected with families



ness from the getter hing will salich every they seemed on apparent to the extraor of openine it could be a flow experience hundred with the sound as momental allocations on the decreases for in so the sange on the security the historicans of section of the decreases of section of the company to granting the first every acres that again to the acceptance to the first extensive or the security of section of the security of section of the section of the security of of the secur

The perhade attendely falling and a conductive that you deadly tracked among and winks with an observed Samber (It the law has settledly present of all perhaps and it is advantaged by seat to advantage stander. While it is apply him also consumed to accompany more of the deadless of Janatics, they are not commented, accompany more of the deadless of Janatics, they are not commercial allocations. In some content settless and the law and the deadless of the section of the seat with a second perhaps and the deadless of the seat with a second perhaps and the seat of the seat with a second perhaps and the seat of th

It may not be complete premier before witness upon the convertor of the complaint, a few towards on the opposium of the though and its construent the lite, as I is



discount in Jaundice, and fast of

The situation, size and structure of this organ, as well as its constant existence in every class of animals, at once show to us its importances The office it performs in the animal economy, is dill enveloped in obscurty, No two Physiologists exactly agree asto the manner of its operating in promoting digeration. The they all concur in this; that its peculiar secretion is of the utmort importance in the purify of animalization. The liver being so proquelly the seat of disease, can't le ancests, who allached even more importance to it than soe do to refer discover oftenor to this than any other organ; in fact they solden extended their direction faller than this upon finding it disordered. It is the accumulance, with many others, that has caused it to be an object of carrofishy, and importance since the carlied agen. There have induced among experiments and for queen diffedicars. The prevailing idea that it was the rest of Jaundice, was and stimule to the inquier through . They appear to have selled the question satisfactioning (at least to their own minds) in consequence of having is pursuing their astoprical inguises, found this organ, so frequently and



often as extensively disordered, in extense bodies.

Defection have discount the live much enlarged an constal changed in alone, generally partaking of that of the sent of the body; southing such lighter again daker, and and unfrequently of a natural colours. It is at an has industed, at another soft. Pollibrary of various sizes, and will as numbers (from that of an eggy to that of a pea) have born found in the ducks and Gellbladdery The him has been found very small. There son a diferentian, where the liver was found very much a duced in sign, and what remined appeared to be estily diseasedy. The whole of the internal Boundary of this organ has been distorged by supperration, as was the case in a patient of & Thomas Ewell. It is at uncommon in externs to find the liver entirely clear of disease. Thus says Bousain, "Trequently in ichoose bodies, then in no mobile andition of the liver, no basist of the ductur bilefore, and us bling Caladi Beberden conferms this remark. Now of this opporaries are peculiar to Javadier; the have meanly all been discovered in different dipartions of other diseases. In taking a view of the bile we should take into convederation, in the first place a long prevailing error (i, i) that the both in Januarica is exceled withou in in the same quantity



as in bottle, is a consistent grantly the coronalism have exhibited of column to be that there is a considerable described of this scention. It is her midcharged in als perpetuses physical, perhaps as will as chancel.

In back the content is a fluid of , top cyllonials as greater of any objection of a greater of any the lady and of a peculiar stranks observed the lady and of a peculiar stranks observed the lady objection of considerate and associated in the comparation observed by a surface of the content of the comparation of contents of the lady object of the and could of term of the lady object of the and could of term of the lady object of the content of the Man who the lady object of the content of the Man object of the lady object object of the lady object of the lady object of the lady object object of the lady object of the lady object of the lady object object of the lady object of the lady object of the lady object object of the lady object of the lady object of the lady object object of the lady object of the lady object of the lady object o

from the Compression is appeared on judy attitude to that domination from backing the third plant and from backly that is growthy of common condition. We are now might be required from the growing of the goal of the same from the stands goal and the same from the density said, settlered, insight, withink, black grown, conspiring, considerations. It knows found as dense on and and doubt are allowed to form from the manner.

The bound on this plant as the wild of an engy and as consisted and present with the said.



Causes

The rende or iristing causes of Iderus, are numerous, and diversified; and according to the best conthorty, much difference white of opinion exists respecting them. Many more are onimorated as cause of this discusse; then have any agency in producing it, and many have been comitted in the common details of causes which nost frequestly give rise to this disease. The following catalo que constitutes the operation causes of every writer on the subject which I shall notice - first - Inflamation it is believed produces the disease by causing a thick ning of the coats of the ducks, thereby befrening their calibe. It acts in a second way by affording an inflamitory exudation, which serve as an muchous for the subsequent formation of colculus. Inflamation of the substance of the liver it has been observed does not produce foundice, unless it extends to the ducto; Repullis is address as an example. This most probably is the come case, for we seldin or new so the discourse combined. The wound caren of Jandie is biliary calculi. Those are connections of various compositions that



form in the gold bladder, and liven. They are propelled into the duto, by what power I am unable to say unlife it be a murcular power of the Gallbladder, or ducts. When these acculious are too large to pass through the ducks into the decodenan, they block up the ducks and prevent the flow of bile into the intertines; the lake the according to Some in absorbed, and to others, regungitates and conver Jaundice that calcul once from it I count pretend to thong affirm, but that they has been diedged oftenor than it was the real cause, we must all admit. Mouth standing Some winters have gone to far ande afait that the disease could be produced by no other cause to regula this I need any refer to disportions of ictorion bodies who we calculi and before, or was the evidence to prove that any wer included there, on the outrary it is very common to find subjects in our defracting arms with calculi in their gallbladder, we wished our having bon affected will Journie . Dow this answering techning we may fairly infor that Gallstoner sold often undependent of pandice, than will it. Do Chapman says, many are the instances in which Those known diverse to be sensed by semidies, which could have no testing to promote the expulsion of calculi, and under circum-



of the third cause, or Speason of the darlo we need

soy hit old, squire without his ten in annually in farm of it.
"They are with egyput it so a frequent came of placehow aroung
there are day it emiles in our televiden Soc with a rank of oller,
I am not do on the have any mote of the common tring between your
of the gett duck and there of the dominate, and devoterment

Magneth course, Lecroward as not with lighth Magnethed many and the the presenting. He consumer of Janden from them I should be destret to thinking up the Millian of our owners much to having present to the Millian to the Millian of the Millian measure which and Andrews a great sample of them on the Millian of the Millian measure which and and as a great sample of terrorms of this or operation. I have been a significant of the major of the sample of the sample of the same of the sa



district from the above insumerated, and first of altain Toisons. It is a curron feel that the discuss should be produced by poisons baken intensity, as well as externally; it is one for that has long been known to medical writers, As for back as Jako are we appared of this effect accinformed, saw the body of the superous slave, been green from the lite of a reprise Towtone hav subsequally confirmed this after-Sion as to the influence of the viper. No is the experience of our peace Shows less an clasive, in this subjects for frequently down see the bodies of persons become Jaundicied from the bole of the calle whake and other vonomous seepants of the United States. Langoni bell us he has seen ichorus produced by the lote of a cat which lasted feets days, and Vanswalen andher by that of a day. "has are all families with the yellowners that succeeds the string of above, the warp to Hornet, and other inserts, I chapman relates a case of joundies that occurred from poisiting by associa; besays, the skin, as well as the serons exhalations of the cavities of the body were bright of a gellow colony. Carain lastions of the mind, is a second cause



that I shall achieve It was known to the cartiest writers, that an intimate converhis saided between the body and the wind , Sauchie, way betaken as highly Mutation of this doctrine, Thus has it arisen from freit, anger for, Rage Forst Anxiety, as also the irritating, and depressing moral influences. a kest of authorities might be ased on this occasion, as, Morgagni Val. salve, Berhow to be . It Chapman ways exceptive grief produced it in how ladies whom he attended, Except in ownery has often caused the discourse it is thousand and an ancommon discourse among going maried people, Willia the last year & Harris have had two caves of this charactery. Dr. Chapman says that he learned from an-Martin source, that it was once occasioned by the explosion of a bands. Then several cases are sufficient to prove that the disease may be produced by violent anotions of the mind beside the fact that the Agricochande ackle, and Aystorial are very Subject to it. Nather , Ash, that who are har afred by match dishefs, are little to attack of the disease. Criminals are subject to it natel disturbance. The third and last cause which Ishall northing Indesta. This isperhaps offens the cause of the complaint than we



are aware of Arilline it to be the most amon cause. The strong sym_ path saiding between the absentary canal and stain is familian to worgand . Polling is wanting at the prevent day to provid to made ical men, Away and in excep has produced foundice says D. Chapman in his between 29, the proximate cause of Jandice, has long been a source of contention among the made ical profession, From the carliest ages it has been attributed to the advagation of like into the air culations. This doctrine shill have its advocates. Whether this lenach, to the ancient theories aries from a real consistein of their correctnoss, or whether for the want of a better made of explaining the phenomina of Ecterus, I am unable to say divine. It would have been natural to suppose that every thing humashim would long ceased to have been blanded with solidism. Part not so author would be capsaledly executing a theory, as one detrimental to the science of medicine, and at the same time using one of its most potent arguments, to expround injustant phenomina that occur in the course of disease. Then have we at the present period to determine the impulant guestion, of what is the processed conse of Jaundice? The have seen that it was attributed to the absorption of cychi bile



isto the corculation beinging all parts of the body. But that the cyclic lite does not produce the discourly being absorbed is proved by the care of Wichter. In this case, the disease appeared in a individual who after death was found to be devilled of gallbladder. The ades_ cates of the absorption doctrone, would now say it worths depatic bile but to prive emphatically the contrary of this - I must refer them to the experiments of Port at, who hid the ducto so as to obstruct the propage of the hile completely, and no interess symptoms were induced. Similar experiments was performed by b. Thomas Ewell of Virginia; the hapatic duch being kid without craving the disease. Bile how some born deketed in the blood that I dow aware of the world actually be let beespect that so peculiar a fluid, and profession such worked proporties, shid it outer the circulation, could without difficulty be discovered by its physical peoperties; but this is not the care, Antho object in to this idea is, that the discount often cones on too suddenly for the bil to be taken into the circulation, There in the case of D. Chapman, canved by the explosion of a bomb, time was and allowed for it to pay through the circuitous nout to attain. ing its deviced on de also the cases produced by positioning from associa muhis to 5



Should the bile onto the circulation, and be the cause of the colour of skin, then would not be such diversity in the shader of this, or would, nee than one color persade the body at me him, as in the cases of Langoni, and other, No would it confine itself to a particular party while the cent of the system was exempt from it as was the case will all Clean patient, where it was confined to the feet

The supporter of the doctrine of the alsophim of the bile, and acknowledge these objections to their theory. Brisher if the bile was absorbed we would be eternally ichorose for those is not an hour in the day that if is not corpored to the the action of the absorbents of the duodenum. The donet find this belethe case were in the most violent bilions attacks, where there is a consider increase of the Seartin, as in Chebras. There is not one case on record of its occarring in this discare. In speaking of the appearance of the liver in Johns, we have often seen it found extensively divordered, and care are mentioned when the whole internal structure was distroyed. Get Jan dice provailed

iden are we to account for the appearance of Jandies in a patient who has a liver thus deranged, and this too, suddenly?



It and endming be greated by very one, that in the state ble think or mather to search in sea short a him, a granch of the surfacions to him, the while system, when that greatly part and on one much control think observed, where set produced to present. Do greatly indicate that segment to greatly out to many indome. They are not greatly to advant by great source. The thirt is very efter clark, get it is constitute solly and source (and granding its consentation) in that state it could not goin claim to the other. They are consented active these offices as to

the absorption of the lite, but altered to explain the pleasance of interest or a very fee life statisfactory. They approve that the the cognification. They are desirated to the other of absorption will apply these boundars have not a populated that on think and research a think, and a special that on think and research a think, and to perfect that the life of the substitute of the subst

Another set of bearing comme it to be in consequence of a transactation of the belle through the costs of the Gallbalter, into the costs of the partenum. This is a new finite advanced by the consecution in the Stew Work Commenters.



The bile says he is of a very perstrating nature, and the Gallbladder, like town montranew atmosame of the Kind is porous . This theory is supported by addring maked appearances, which we observe on examining the hodis of foundined persons. This motid appearance may be observed in our defecting around. Not empequently do we meet with cases, who all the vircers of the aldonon are completely lengt it with tall that have sended though the coals of the Jabladdon. But the Doctor Could not have remembered, that membranes are much changed in structure after death, as well as all parts of the body and that the could nomine pron advantagious, in accounting for the pheromina of Saurdie, thou the presence of bile in the durdenme after thath, an we it popula this could pep through the costs of the Gallbledder into the cavity of the abdone, the presence of so stimulating a substance three would exist a serie of such violent symptems, asto distry the patient before absorption and possibly senous it. Dr. Chapman mention a yet mor unterable doctrine, to which he at once renders an authorite They have to gook his own words, he says " The phenomia are considered to be owing to the low being altered in structure on function, and that the materials of the bile in the blood one not determined; but says the do "comber to a new logic speculation?



the elements of bile are not bile, which is a peculiar fluid the product only of the secretary action of the liver, and can nover until the blood is subjected to its secretory process." Thus have we presented in as beif a manner as possible the various theories that have bon stated to explain the different phenomina of Jaundie. Hany of them have their advocates was at the present day Part it get renain for me to state what Ithink to be the next court view of the proximate cause of the discare - at the same time disclosing my conviction to a doctrine which how not while tately been fully expressed, and universally promulgated. We are indebted to the ingenisty of profesor Chapman for the view of the subject which I shall take and not a little light hav been thrown on the subject by the indefatgable exertions of the inventive D. Evell. To his experiments I one much. By each of these gentlemen we are called or borek for this disease in some other organ or lifen than the liver, and by each we are referred to the cohema vedsels.

Pay D. Chapman we are told it depends



upon a torquid or imparied contition of the extreme repeals. Here in consequence afouring a vicarious action from the sympathy which can't between them and acoust parts. In confirmation of the purhaps of this, we will much refer to the frequent accounts with femels meastrasting from the stomach, now eyes spars & the These facts led &? Evel to apply this to the phenomine of faundia, and yellow fever, There says he " From the influence of sympath, or consent of parts, the seartiens of other glands are occasionally ocated in them Such instance Dr. Rush hardened Drawdottion of action. It will be imprortant to be aware of the fast the must be a translation of state as well as of action in such cases. Then this state is occated, the blood on entrance, will as Expansionly assume the properties peculiar to it, in that state on condition in one part of the body, as well as in another.

To the paraller action the grant phylosopher of advances. Theman Jefferson, it allustrate the paraller orders of the negret and to Ruch has aromated that the, are altern or rever affected will calculate. Sudans is not weating to prove the



existence of this sympathy of distant parts; cases are dely eabited to us in allow houses, and other public places institution, as well as in private practice of this characters, Particularly are we called on to observe the sympathy that exists between the extreme refer of the skin and brain, and of the brain and relibertary Canal to to point out in a particularly thinking menor, this aparaption by diseased action by the skin for the stomach I cannot do better how than to relate a case detailed by & Chapman and fire, was affected with a most distrefeing cash, from which however the Entirely recovered Happening some time after to be dining with a friend, on entering the dining room the discovered a rock feit on the bable; immediately was was the suzed with a similar complien as before. This conclusing them the whene influence of sympathy, and will superscale the according of a rehewal of a number of case. To show that the disease is depun don't as an empowed scholling of the extreme repoles, is easy; by having refference and only to the causer encounted, but also the disease as produced by, or secondar to; many of the advances



erophims, as Bolde, Small por Scalation, Engryeles We and by inducing a bujuit state of the sufsels by a blow on otherwise, will intent doubt cause a partial foundies. Ac have don blad poisons will produce it whether boken into the obomuch or applied to the sking in the on case affecting the exbecome impache by sympathy, and in the other by direct, impairing that action. The action of death of ten producer this colour of the okin, the becoming all over of a parfectly oyellow astern hue This citainly down not depend upon the absorption of bile; His said that the color perbades all pails of the body, ten the brain lungs, prencar dium, De, have boun found lings of But to use the language of mother, are not parts their squally Supplied with extreme repoles. The oxclowner of the Alin in many malignant foces, are see from a Similar Cance and perhaps, that peculiar color of the skin in cloroses may thus be accounted for. It is very lindest in the yellow fewer, (the gardene origin of which is now generally admitted) Do Underwood in his tookise on children, mortion a fad that go co far to prove, that the like does not ato the avoilation,



in Jandies, The says pegnant women aging of Joundies, had not their fatis in the bast colonied with bile, as shown by frequent disportions. There is a case adoted by Bringh, which proves it may be formed in a part comore from the lover" A poor soldier had for several weeks a large businer on his eight side, and and at lay in an extended position. He was distipled with a contant inclination to wornt, with an uncomes pair and sudeneys at the stomack. The days before his death says sis John he became sadderly deffered with lite, Offer dealt the abdomon was opened, and to the great surprise of the spectators, the whole of the his war found scherches, and was discovered that the whole of the internal Ametics of the him had supported. In osither of the care could be like or coloning matter of the skin, have bon searled by the liver. Time would be needleftly spent in advancing

Now small be condified open in a draw any new proof in favour of the darboirs, built therefore anytout any fuller armanker on the subject and proceed to least of the



Prognosis of Joundice

This count be always difficult, the termenting precarions, and the ifter different, according to the nature of the case. He should always take into well as the circles of the Egyptom. When the diese occurs in children, charmie in good health the case is semidable, but should the case book long standing and complicated with any extensive functional descriptment, the if we will be doubtful. Alar it attacks the aged and infirm, the oil or debander (it this bing most annually appended amplicated with armic affection of some vision, the element next often or when it has been of long standing in these cherasters, we are to Surpert a doubtful ifear. In green and black Zaradic, our progravior should mark always be sufavourable. The lighter the okin the greater hope we way have of our patients commeny " of four prouding foundie is said to be agreement . The sever the face over in the disease the better . Ing antenned face is emparemable as well or attacks attended with some Fyngstons, and of frequent-consisten. Allowing aline discharger, quant prostration of strength, indigention, hach's favor 40. all indicate an infew all bornisation Milan, or wanting and paying of dark grunner blood, memorally model Equiphens. It has been stated by some witing that in cases produced by Agadera Hy perhanderario, on programy, we need apprished little is not danger, this is contrary to be thopsan opinion



h vege le bie eabilited somet come of any openh creeke. Helm he van that James aring from Galleland, is now, or hit bellen fel et. The next familie gapetine, on a never con it is bellen fel et. The next familie gapetine, an a character feer, and a long stopped in the arin. Almos an earlier, a so her neckage of som the next of contract of the arine, a by pagination, a form the bethen a boundary, as each to colored, quickly lenses high the decrees. Chilemer charakter, as a culture of the boundary here are not colored to the boundary of the boundary.

this not distinct am degree of difficience. I hade apon this part of my affray. Such a waisty of making how his consecuently, and and a few as operation, the the acoust of them as relating his preparation. Hat the compounts me up to the militart in the treatment of the theorems years of the in, expounted diphief ruthents, and an anistry fine has the interest years of the in, expounted the paid to the hours, and anistry fine has the side occurs in the first of the soll to come in they case. God it is not now things to line it though the interest of the anistration of the soll of the soll to make making it is not of the the anistration of the soll to make the soll of the anistration of the soll of the soll



The discuss in this state cognies the read prompt and officient mean ofour out, soon whose there is apparently a great prostruction of thought, it is should not provent as from pressing the depthing plan of bestment; for says an author of great repute, " when there is much pair, full head pulse; or pultiris habit, and other agraphone indicating inflamation without theatened, or present The great protratein of strongth in the common coment should not deler me from the new of the Careet; the languar is once apparent, and is relived by the left of blood. Thousand the disease is allowed to centime its course, he symptoms increase will death. You present to day the broughts arising from the use of the land. The lof of blood from the general system, and by retiring determination to the extreme actions, and affermants can see whatever audiones we thould afterwards quie to act mue promptly, and will greater eaply and effect. I hald exerced in orderline the policit, we may could will advadage to the secondally, or warm formalations. The west of the extract importance and way be recovered to when the hope of bland and not be born, and som in origination with vow to a: The probint we are informed should remain in the warmfull will theatened with syncope. The warm forest string are but suployed, by applies flavol clothe depped in warm water, to the



affected part, or a bladder filled with warm water; the Soll - should be frequently amount. Cape, or leacher an valuable countries in Marks of Jandia. Thelacher have perhaps the advantage their action not being so painful to the patient as the caps . How com die though calculated for most cases, as probably better adopted to the aged, and intemporate, with worked constitutions, Ava substitute for the cups and leacher, we may resent to remember by unquant. contained , vol: line within aid, when all the so have been tried in vain, we may eight revent with advantage to some of the marchine, and above all the spine should be prefered. In that highly initiated state of the obmach, the from of an old opious pill will be found to conver perhaps better than any other. It is said to be of next advantage in these cause which in patients most enemarkable domach willand be as the opinion thany others of the day of artisper modics, have bon used and one perhaps admissible here, & Chapman does not som to plan much reliance on the narcotice, he says he newly was then to relieve pain and produce peloxation. Of exchis I shell say but little, the have bour fully confided in from the carliest ages, get I conceive them to be welly and in a majority of cases injurious This Levelld infer from the view of the prothology of the discase Thave



taking Most with a accommend then to be used with great contion, Darwin advice repealed enchies, and my preceptor D. Strutty says it is the most excepted made of the string the disease. In court cases whose we have no season to suppose the tilling calcult to be of my great size, and the pair is not very acute, we may went to the comidy with advantage; but in case, says Thomas, where the caloutlies is large, and there is fever, then (enchies) are injurious to the patient and distriping, Symptons, we should count to purgatives. Noone will protond to day the propriety of this days of remidies. How well carned fame has canced them to be universally employed. There is a choice to be made in selecting the kind of purpative; some recommend the drawtic, while other, with own propriet the miller kind, as the neutral relts, Ol. Rivin: Dr. Chapman vago as a general rate the treatment convicts in keeping up a pretty constant impression on the prima via to pargatives, with which now the Eyap of bills out (to jugland calkant) is well catilled to motion, ambined perhaps with calcul would be preferable. There is eyet a clop of remides, that have long bon expected as allowitriplicks, some doubt some to exist as bothe mode of action of these remideer. I am inclined to believe that their action is only that of a mild purpolise. Actordon cays how is no madicine possible of this



(Montionhick) power; whatever the way be, they have been dividely beneficial in Janadie, after the agent experteers were acknowld. The most calebratad are Alin and all tentiall. This has properfect great capute, according to Darwin it has the property of distlines the stone at of the body site the dust, or gettledto? The alkalies, and scaps have been used and not without advantage. His quartly preferable to give the alkalies comband with the way. Dr Chapman vays be han known equal parts of way, carble thebart, and also, with or without calonel to be effectual. The also recovered as some indica the comme polage mixture. But he vay the best preparation he ever need is to following populse mortion of Carbon Flogs. 3; Saper hispan: Jam Pratic as 3/3 alcheled. allet. Abj. At to before and should, so that the ingradient may be well mixed, and disolved, which interequie several days; then accounts the same made the alkali, the wind have been and as adouts of calule. The minest as well as the negetable is withled to confidence. It Chapman Days be how known cides and lemnate to keep great advantage. The oxymunatio acid, or do une, hav been used by some physicians of Washington city, but with



what sweet I could not learn positions. My informant stated to mathet it blesched the skin. It was and very much deleted of to This of water. The done a bablespoorful three times per day. Electricity he bon weed with advantage. It should no an local should profe therough the ductor bliani, Morang) is one next remise in alleatin down, it will no doubt be found to fail less often than any other account, in comis cases But it can be used to no advantage I should suppose in the west and inflamidan, this resides acts by thimulating the system, producing an septelium in the corculation. It should not be carried to too quat an extent, it first or manger string effects are all that we require of the preparations of mercury the blue map is perhaps as good as any other we have; the I do not know that it projectes and great advantage, one the productionide of moreum. When moroung fails In chapman accummends the netro muriabic acid which may be used when externally or internally. The tampicon dandelin how been much brusted to. It has the recommendation of Rosepher Chapman, D. Good, with a variety of other highly respectable authorities. Jaundice coursed by prograng commonly requires little to be done . These attacks

so the dose of this is half a wine glafe to be taken for these surespine mornings, fasting, and if not relieved, omit it for me day then accord the same made

are generally relevant by delivery. But should they not be the case is acduced bothe condition of such as we have discribed acquiring the same mode of treatment . Infantile Jaundie will often be removed by slight purgatives, as magnesia Rheubarb, without, or with calonel! but should it not be cared the plan adorsed for atto disease in adults adapted to the age 40 of the child will become acquirite The green and black Jaundice, have prived fotal under all moder of practice; mercury is under said to be injurious hore; fortunate for mankind, like most violet, and dangerous complaints there are of rane occurrence. There is a very ingenious aparatur accommanded by & of Ewell in the treatment of Januarie. It is a large airpump, capable of receiving the body, and extremities at once. He says by using this machine, the propme of the abmospheric air may be so reduced, as to be produchim of the greatest effects. Might not the wacustin of a small quantity of blood through the proces by the intriment susperstable recepity of a copies phlebotom? But in the respects the expression appears happing calculated to relieve a determination of blood to the surface would be acested



with it so not beam can an invener smallely to be. The negobjection does to the indiversal in that it is to an insumment; on economy its offered of decord what that that it would be about again. In the headest of fearths occasion may be not which it with that the on an individual section. It is many again, Thus to so at himse so it alone may defeate former the owner and this see that objectly, differed to The great explain much inform given a state of the object of the bounds of the most information of the purpose when the state of the object of the bounds of the most of the purpose when the state of the object of the bounds of the most of the state of the object of the object

input met paints in the hartment of all diseases. It cleans it is practically a few to diseases. It is because it is practically by the attended to Schmidt consideration principally of the case of diseases disputed front, overfalled an optimite. In the infilmation, stopped on the last diseases must be the the partial direct backet to the patients direct backet backet.

arichitating that doubt with lover june, and superlanding people it the convenience state, quart can much be tollier, that this definition organisms and throw out "much it action by estung too brainly. The did advised for dispepties well also de proper



here, let it belight and antitions; it is proporthat the bowels should bekept open by mild appoints. Exercise should be advised as soon as the patient is capable of taking it, either on foot, or horseback, or when neither of the so are admissible aiding in a canage. A tip to some watering place, will be sometimen salutar. The variety of anaxements, the social intercourse with person from all parts of the country, as well as the excraires, tend more generally to relieve the disease than the water, the' there are not wasting instances of the discusse being and by the we of the waters from these topings, Thus have the sulphur springs bon long alebrated, as being effectual in Hepatic affections, and most of the mineral vooters have been useful in Janudice, Seltzer water have been wed with advantage_

Tinis





